



## **MERIDIAN PARK WETLAND ENHANCEMENT/DRAINAGE IMPROVEMENT PROJECT**

**June 21, 2013**

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### **PARK IMPROVEMENTS COMING TO YOUR NEIGHBORHOOD!**

In 2010, the City completed a design alternatives analysis and developed a conceptual design with neighborhood input for the project. The concept is similar to the improvements made at Cromwell Park, in that fill previously placed to bury the wetland will be removed and an extensive planting plan implemented to enhance existing wetland and restore the wetland buffer. Funding for this project comes from the King County Flood Control District as part of a Sub-Regional Opportunity Fund Project. By enlarging the wetland, stormwater detention will be improved, flooding will be reduced, and water quality and wetland habitats will benefit.

The change to the habitat does dictate a change to the plantings. Implementation will require the removal of 27 trees (4 bitter cherries, 1 cottonwood, and 22 Red Alders). Many of the trees slated for removal are in poor health. The project will plant 58 new trees. These will be shore pine, Sitka spruce, western red cedar, Douglas-fir, and Oregon ash. The planting plan also includes the addition of 840 native shrubs, 1,500 native groundcover plants, and 7,700 native emergent plugs.

#### **WHAT TO EXPECT**

The park improvements require the majority of truck/vehicle traffic to occur at the park entrance, N 170<sup>th</sup> Street and Wallingford Avenue N. Access to the back of the park at N170th Street and Ashworth Avenue N is also anticipated, however, less extensively. The park improvements include expanding the wetland areas, therefore, substantial fill will be removed by truck. On the back of this document is a map identifying the limits of the park and the roadways affected by the construction.

The temporary erosion and sediment control plan includes Department of Ecology's recommended best management practices (BMPs) to include: wheel washes, sediment and catch basin traps, and sediment control, among others. The City will be vigilant with inspections to adhere to these BMPs to protect neighborhood streets and creeks.

#### **WHY IS THIS PROJECT NEEDED?**

In 2001, residents alerted the City of Shoreline of the disappearance of frogs from the park. Investigation showed soils and water were not unsafe for humans but not ideal for invertebrates, amphibians and fish. Low pH, low dissolved oxygen, limited water depth, limited large woody debris, and the presence of several pesticides may limit the survivability of amphibians and their offspring.

#### **SCHEDULE**

Construction will begin early third quarter 2013 with planting and final details to be completed during the fall and winter. Final emergent planting is planned for spring 2014. Project monitoring and maintenance is projected to extend through 2018 at which point the project is expected to become self-sustaining with usual park maintenance needed.

**If you have questions regarding the improvements, please contact Iain Draper (206) 801-2479 or [idraper@shorelinewa.gov](mailto:idraper@shorelinewa.gov) or Paul Laine (206) 801-2461 or [plaine@shorelinewa.gov](mailto:plaine@shorelinewa.gov).**

Respectfully,

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